

# The `latex-lab-testphase` code\*

Ulrike Fischer L<sup>A</sup>T<sub>E</sub>X Project

February 14, 2024

## Abstract

## 1 Introduction

This code implements small files which can be loaded with the `testphase` key of `\DocumentMetadata` and which bundle various `testphase` modules. This will be extended to allow user to load well defined parts of the tagged PDF project.

Currently the values `phase-I`, `phase-II`, `phase-III` and `new-or` (bundles `new-or-1` and `new-or-2`) are provided. `tagpdf` is an undocumented alias for `phase-II` which is kept for compability. The value `math` combines various math related files.

## 2 The Implementation

`new-or-1` contains the code for header and footer (tagging and suppressing links) and is always loaded

`new-or` combines all `new-or` parts (currently 1+2)

```
1 <*new-or>
2 \ProvidesFile{new-or-latex-lab-testphase.ltx}
3           [2023-06-15 v0.1b latex-lab wrapper new-or]
4 </new-or>
5 <*phase-I>
6 \ProvidesFile{phase-I-latex-lab-testphase.ltx}
7           [2023-02-04 v0.1b latex-lab wrapper phase-I]
8 </phase-I>
9 <*phase-II>
10 \ProvidesFile{phase-II-latex-lab-testphase.ltx}
11           [2023-06-15 v0.1b latex-lab wrapper phase-II]
12 </phase-II>
13 <*phase-III>
14 \ProvidesFile{phase-III-latex-lab-testphase.ltx}
15           [2024-02-12 v0.1c latex-lab wrapper phase-III]
16 \input{phase-II-latex-lab-testphase.ltx}
17 \IfFormatAtLeastTF{2023-06-01}
18 {
```

---

\*

```

19 \RequirePackage{latex-lab-testphase-block}
20 \RequirePackage{latex-lab-testphase-sec}
21 \RequirePackage{latex-lab-testphase-toc}
22 \RequirePackage{latex-lab-testphase-minipage}
23 \RequirePackage{latex-lab-testphase-graphic}
24 \RequirePackage{latex-lab-testphase-float}
25 \RequirePackage{latex-lab-testphase-bib}
26 \RequirePackage{latex-lab-testphase-text}
27 \RequirePackage{latex-lab-testphase-marginpar}
28 }
29 {\PackageWarning{latex-lab}{Testphase III needs newer format}{}}
30 </phase-III>

```

this is only provided for compatibility

```

31 <*tagpdf>
32 \ProvidesFile{tagpdf-latex-lab-testphase.ltx}
33 [2022-11-04 v0.1a latex-lab wrapper tagpdf (deprecated)]
34 </tagpdf>
35 <*tagpdf | phase-I | phase-II | new-or>
36 \RequirePackage{latex-lab-testphase-new-or-1}
37 </tagpdf | phase-I | phase-II | new-or>

```

Support for the new output routine code are loaded in phase-II and new-or:

```

38 <*tagpdf | phase-II | new-or>
39 \RequirePackage{latex-lab-testphase-new-or-2}
40 </tagpdf | phase-II | new-or>
41 <*tagpdf | phase-I | phase-II>
42 \RequirePackage{tagpdf}
43 \AddToDocumentProperties [document]{testphase/tagpdf}{loaded}
44 </tagpdf | phase-I | phase-II>
45 <tagpdf | phase-II>\tagpdfsetup{activate,paratagging,interwordspace}
46 <tagpdf | phase-II>\AddToDocumentProperties [document]{tagging/para}{active}
47 <phase-I>\tagpdfsetup{activate,interwordspace}
48 <*tagpdf | phase-I | phase-II>
49 \AddToDocumentProperties [document]{tagging}{active}
50 \AddToDocumentProperties [document]{tagging/interwordspace}{active}
51 </tagpdf | phase-I | phase-II>

```

testphase wrapper files for math:

```

52 <*math>
53 \ProvidesFile{math-latex-lab-testphase.ltx}
54 [2023-07-20 v0.8a latex-lab wrapper math]
55 \RequirePackage{latex-lab-testphase-math}
56 </math>
57 <*math-package>
58 \ProvidesPackage{latex-lab-testphase-math}
59 [2023-07-20 v0.8a code related to the math tagging]
60 \input{latex-lab-math.ltx}
61 \input{latex-lab-amsmath.ltx}
62 \input{latex-lab-mathtools.ltx}
63 \input{latex-lab-mathpkg.ltx}
64 </math-package>

```

# Index

The italic numbers denote the pages where the corresponding entry is described, numbers underlined point to the definition, all others indicate the places where it is used.

| <b>A</b>                                 |                    | <b>P</b>                            |   |
|--|--------------------|-------------------------------------|---|
| <code>\AddToDocumentProperties</code> .. | 43, 46, 49, 50     | <code>\PackageWarning</code> .....  | 29  |
|  |                    | <code>\ProvidesFile</code> .....    | 2, 6, 10, 14, 32, 53                                  |
|  |                    | <code>\ProvidesPackage</code> ..... | 58  |
| <b>D</b>                                 |                    | <b>R</b>                            |   |
| <code>\DocumentMetadata</code> .....     | <i>1</i>           | <code>\RequirePackage</code> .....  | 19, 20,<br>21, 22, 23, 24, 25, 26, 27, 36, 39, 42, 55 |
| <b>I</b>                                 |                    | <b>T</b>                            |   |
| <code>\IfFormatAtLeastTF</code> .....    | 17                 | <code>\tagpdfsetup</code> .....     | 45, 47  |
| <code>\input</code> .....                | 16, 60, 61, 62, 63 |                                     |   |